

Docket No.: 2771-682 US

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As the below-named inventors, we hereby declare that our residences, post office addresses, and citizenships are as stated below next to our names.

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "**HYDROGEN GENERATION**," the specification of which was filed April 10, 2006 as U.S. Patent Application No. 10/575,556.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims. We acknowledge the duty to disclose information that is material to the patentability and examination of the present application in accordance with Title 37, Code of Federal Regulations, §1.56 (a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119 and §365, of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

PCT/US04/033915  
(Number)PCT  
(Country)14 October 2004  
(Day/Month/Year Filed)☒ yes ☐ no

We hereby claim the benefit under Title 35, United States Code, §119(e) and/or §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this specification is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

60/510,983  
(Application Number)14 October 2003  
(Filing Date)Converted  
(Status-Issued, Pending, Abandoned)

We hereby appoint all of the registered practitioners associated with customer number

**23448**

to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

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We appoint to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith the following additional registered practitioners of Advanced Technology Materials, Inc., 7 Commerce Way, Danbury, CT 06810:

JOHN O. BOYD, REG. NO. 38,055  
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All correspondence in connection with this application should be sent to the address noted below:

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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine and/or imprisonment under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent hereafter issued that is based on or claims priority to or the benefit of the present application.

Full Name of First or Sole Inventor: J. DONALD CARRUTHERS

Inventor's Signature

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